

**DRAWWORKS:**

National 110 UE (1500HP) powered by (2) GE 752 traction motors, NOV Baylor 6032 auxiliary brake

POWER:

(4) Caterpillar 3512-B engines with Kato 1260 KW AC synchronous generators

SCR SYSTEM:

Gulf Coast International (Ross Hill) model 1400 4 X 4 (1500HP) SCR house w/ GE evolution 9000 MCC

MAST:

Pyramid cantilever 142' w/ 1,000,000# static hookload on 12 lines

SUBSTRUCTURE:

Pyramid 30' box-on-box substructure 1,000,000# rotary table supporting capacity w/ 600,000# set back load capacity

WALKING SYSTEM:

OWI Stealthwalker multidirectional rig walking system.

PUMPS:

(3) HHF-1600 (1600HP) triplex pumps powered by (2) GE 752 traction motors w/ 7500 psi fluid ends.

MUD PITS:

(3) tank system – 1600 bbl w/ 70 bbl slug pit

SOLIDS EQUIPMENT:

- (3) Derrick Hyperpool shale shakers
- (1) Derrick 2-cone desander
- (1) Derrick 16-cone desilter
- (5) mud agitators
- (1) Derrick vacuum degasser
- (1) 6' x 27' mud gas separator

AIR COMPRESSORS:

- (1) Curtis RS50D (50HP)
- (1) Quincy Q-5120E (25HP)
- (1) Quincy diesel cold start unit

BOP'S:

- 13 5/8" x 5,000 psi Shaffer Spherical Annular
- 13 5/8" x 10,000 psi Cameron Type U double
- 13 5/8" x 10,000 psi Cameron Type U single

BOP Handler:

Oilworks BOP skidding system

ACCUMULATOR:

Koomey 8 station accumulator

CHOKE MANIFOLD:

Cameron 10,000 psi choke manifold

TOP DRIVE:

- CANRIG 1250AC-681 (500 ton)
- 1150 hp AC Electric Drive
- 7500 psi integrated swivel
- Max Drilling Torque = 51,400 ft-lb
- Max Breakout Torque = 95,000 ft-lb
- Maximum Speed = 265 rpm
- Rockit & Revit compatible

BLOCK HOOK:

400 ton becket

PIPE HANDLING:

Forum FloorHand FH-80
NOV PipeCat laydown system

DRILL PIPE:

12,000' 5 1/2" 24.70 PPF S-135 HT-55 drill pipe

AUXILIARY EQUIPMENT:

- PASON EDR (base system)
- Fuel Tank – 10,500 gallon capacity
- Water Tank – 500 bbl capacity
- Rig Manager and Crew Quarters
- (2) air hoists (10,000# load capacity each)
- Top drive Supervisor